IN THE UNITED STATES DISTRICT COURT FOR THE MIDDLE DISTRICT OF NORTH CAROLINA

OPTOLUM, INC.,)	
)	
Plaintiff,)	
)	
V.)	1:17CV687
)	
CREE, INC.,)	
)	
Dofondant	1	

VERDICT FORM

INFRINGEMENT

1. Has OptoLum proved by a preponderance of the evidence that Cree literally infringed any of the following claims of the '303 Patent as to the Multi-Ring Bulb?

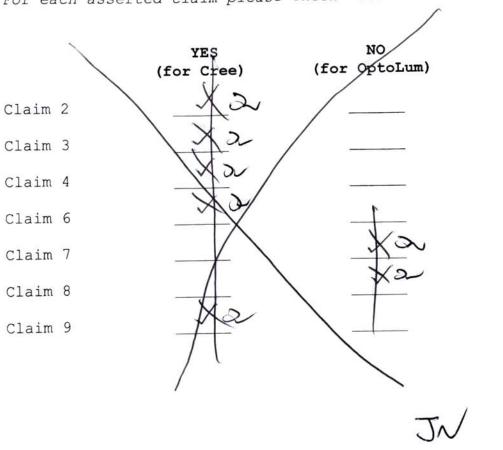
	YES	NO
	(for OptoLum)	(for Cree)
Claim 2	<u> </u>	
Claim 3		
Claim 4		
Claim 6	-	
Claim 7		<u> </u>
Claim 8	Orania de la compansa	
Claim 9		

2. Has OptoLum proved by a preponderance of the evidence that Cree literally infringed any of the following claims of the '028 Patent as to the Multi-Ring Bulb?

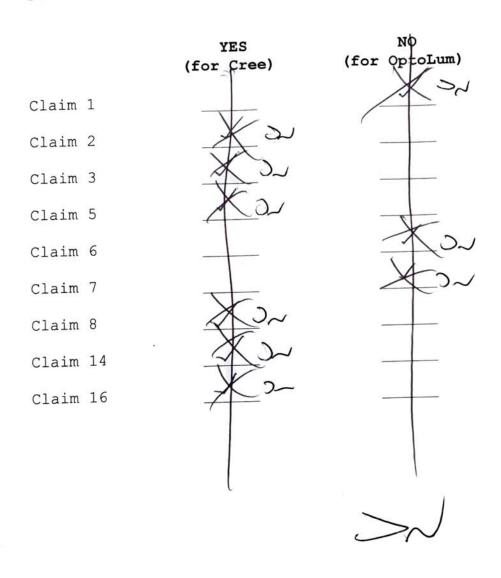
	YES (for OptoLum)	NO (for Cree)
Claim 1		
Claim 2		
Claim 3		
Claim 5		
Claim 6		
Claim 7		
Claim 8		
Claim 14		
Claim 16		

OBVIOUSNESS

3. Has Cree proven by clear and convincing evidence that any of the following claims of the '303 Patent are invalid for obviousness?



4. Has Cree proven by clear and convincing evidence that any of the following claims of the '028 Patent are invalid for obviousness?



WRITTEN DESCRIPTION

5. Has Cree proven by clear and convincing evidence that any of the following claims of the '028 Patent are invalid for failure to satisfy the written description requirement?

	YES (for Cree)	NO (for OptoLum)
Claim 1	XV	
Claim 2	$\times \mathcal{N}$	
Claim 3	Xx	
Claim 5	Xa	
Claim 6	X,2~	(
Claim 7	7 2-	0
Claim 8	Xx	-
Claim 14	X	
Claim 16	X >~	

DAMAGES

6. What amount in the form of a royalty is OptoLum entitled to recover for Cree's sales of the Accused Products?

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This the $\frac{9}{2}$ day of November, 2021.

Foreperson